

Nitrophila mohavensis Munz & Roos**AMARGOSA NITERWORT**

FAMILY: *Chenopodiaceae*, the goosefoot family.

STATUS:

Heritage Program SENSITIVE LIST, ranks: G1 S1

USFWS/ESA: LISTED ENDANGERED. **STATE OF NEVADA:** FULLY PROTECTED. **BLM:** Special Status
Species in Nevada. **USFS:** none. **NNNPS:** ENDANGERED.

POPULATION CENSUS (NEVADA): 3 occurrences mapped; total estimated individuals 13,000+, total estimated area 92.7+ ha (229+ ac). **TREND:** unknown.

IMPACTS AND MAJOR THREATS (NEVADA): Off-road vehicle use, nearby mining activity, ground water depletion and other water diversions.

INVENTORY EFFORT (NEVADA): Surveys are substantially complete. Most recent entered survey 1998, average year of last survey 1997. **Years since last entered survey** (percent of mapped records at various survey ages): **0-5 yrs:** 66.7%; **6-10 yrs:** 33.3%.

LAND MANAGEMENT (NEVADA) in decreasing predominance: U. S. Fish and Wildlife Service, U. S. Bureau of Land Management.

RANGE: Nye County, Nevada; also in CA. Known only from the Carson Slough - Ash Meadows area. Maximum Nevada range dimension 4.6 km (2.8 mi).

ELEVATIONS RECORDED (NEVADA): 2100-2160 feet (640-658 meters).

HABITAT (NEVADA): Open, moist, heavily alkaline and salt-crusts, otherwise nearly barren clay flats in low drainage and seepage areas surrounded by shadscale and saltgrass vegetation. Aquatic or wetland-dependent in Nevada.

PHENOLOGY: flowering late-spring. Range of most frequent **survey months:** August-September.

LIFE-FORM AND HABIT: small rhizomatous long-lived perennial herb.

DESCRIPTION: A perennial herb. Leaves ovate, small, bright green. Flowers small, inconspicuous, pink, becoming white.

PHOTOGRAPHS: Nevada Natural Heritage Program images web page (1998-present), slide collection (1986-present), and files.

ILLUSTRATIONS: none known.

OTHER GENERAL REFERENCES (listed separately): Beatley (1976), Hickman (1993), U. S. Fish and Wildlife Service (1985).

SPECIFIC REFERENCES:

Munz, P. A. and J. C. Roos. 1955. California miscellany III. Aliso 3: 111-119.

Reveal, J. L. 1978. Status report on *Nitrophila mohavensis* Munz and Roos. Portland, Oregon: U. S. Fish and Wildlife Service.
